

MATERIAL SAFETY DATA SHEET ZYT022

IDENTIFICATION

INFORMATION TEL. NO. 800-441-3637

PRODUCT NAME

CHEMICAL NAME

101 Zytel® Nylon resins

66 Nylon - Polyhexamethylene
adipamide

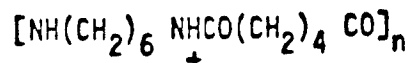
101 NC-10, 101F NC-10, 101F NC-10N,

101FS NC-10, 101L NC-10, 103FHS NC-10,

103HSL NC-10, 122L NC-10, 131LNC-10,

132F NC-10, 133L NC-10, 42 NC-10,

42 HSB NC-10, 42HSX NC-10C, 45HSB NC-10, FE3218 NC-010



113 NC010,
CAS REGISTRY NO.

32131-17-2

DEPARTMENT OF TRANSPORTATION

HAZARD CLASS Not Regulated

SHIPPING NAME

N/A

HAZARDOUS COMPONENTS

MATERIAL

CAS

%

OSHA

PEL

TLV

(TWA)

DUPONT

AEL

No added component at
1% or more.

N/A

N/A

N/A

N/A

N/A

IS ANY CHEMICAL PRESENT IN THIS PRODUCT AT A CONCENTRATION OF 0.1% OR MORE CLASSIFIED
AS A CARCINOGEN BY IARC, NTP OR OSHA? YES/NO No

PHYSICAL DATA

MELTING POINT 250-260°C SOLUBILITY IN WATER Insoluble

% VOLATILE ca 1

FORM Solid APPEARANCE Granules

COLOR Natural ODOR None

FIRE AND EXPLOSION DATA

FLASH POINT N/A

FLASHIGNITION TEMP. 400°C

METHOD ASTM D1929

FIRE AND EXPLOSION HAZARDS Large molten masses may ignite spontaneously in
air. Water quenching of such masses is good practice

EXTINGUISHING MEDIA Water, Carbon dioxide, Foam, Dry Chemicals

SPECIAL FIRE FIGHTING INSTRUCTIONS None

HAZARDOUS REACTIVITY

CONDITIONS TO AVOID Heating above 340°C

MATERIALS TO AVOID Strong Acids and oxidizing agents.

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS
hydrogen cyanide, aldehydes.

Ammonia, carbon monoxide,

PERSON RESPONSIBLE— J. B. Armitage

DATE REVISED January 17, 1986

NOTICE FROM DUPONT

The data in this MATERIAL SAFETY DATA SHEET relates only to the specific material designated herein and does not relate to use in
combination with any other material or in any process.

HEALTH HAZARD INFORMATION**ACUTE EFFECTS OF EXPOSURE**

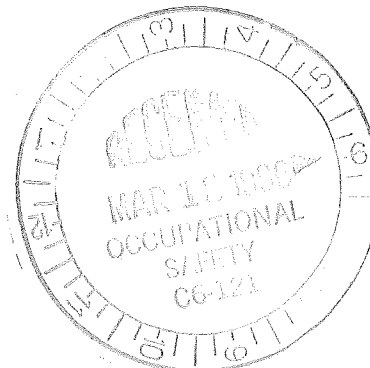
INGESTION (SWALLOWING) Not a probable route of exposure.

INHALATION (BREATHING) Very low toxicity. Granules not respirable.

SKIN CONTACT Molten polymer causes thermal burns.

EYE CONTACT Mechanical irritation.

CHRONIC EFFECTS OF EXPOSURE No chronic effects known.

**EMERGENCY AND FIRST AID PROCEDURES**

INGESTION (SWALLOWING) Not a probable route of exposure.

INHALATION (BREATHING) Granules not respirable.

SKIN CONTACT If molten polymer contacts the skin, cool rapidly with cold water. Do not attempt to peel polymer from the skin. Obtain medical attention for thermal burn.

EYE CONTACT Mechanical irritation. Flush with cold water.

DISPOSAL PROCEDURES

AQUATIC TOXICITY Very low toxicity.

SPILL, LEAK, OR RELEASE Sweep up to prevent slipping hazards.

WASTE DISPOSAL Incineration or landfill in compliance with federal, state and local regulations.

PROTECTION INFORMATION

VENTILATION Local exhaust at processing equipment to keep particulate below 15 mg/m³ (OSHA limit for nuisance dusts).

PERSONAL PROTECTIVE EQUIPMENT

EYE Safety glasses.

GLOVES Protective gloves when polymer is hot.

RESPIRATOR None under normal processing.

OTHER None

SPECIAL PRECAUTIONS Read Section 12 Safety in "Zytel® Molding Guide" Bulletin E23285. Face mask and protective clothes recommended for abnormal processing problems

STORAGE CONDITIONS Cool, dry place. Keep containers tightly closed to prevent moisture absorption and contamination.

N/A MEANS NOT APPLICABLE

AEL STANDS FOR DU PONT'S "ACCEPTABLE EXPOSURE LIMIT"